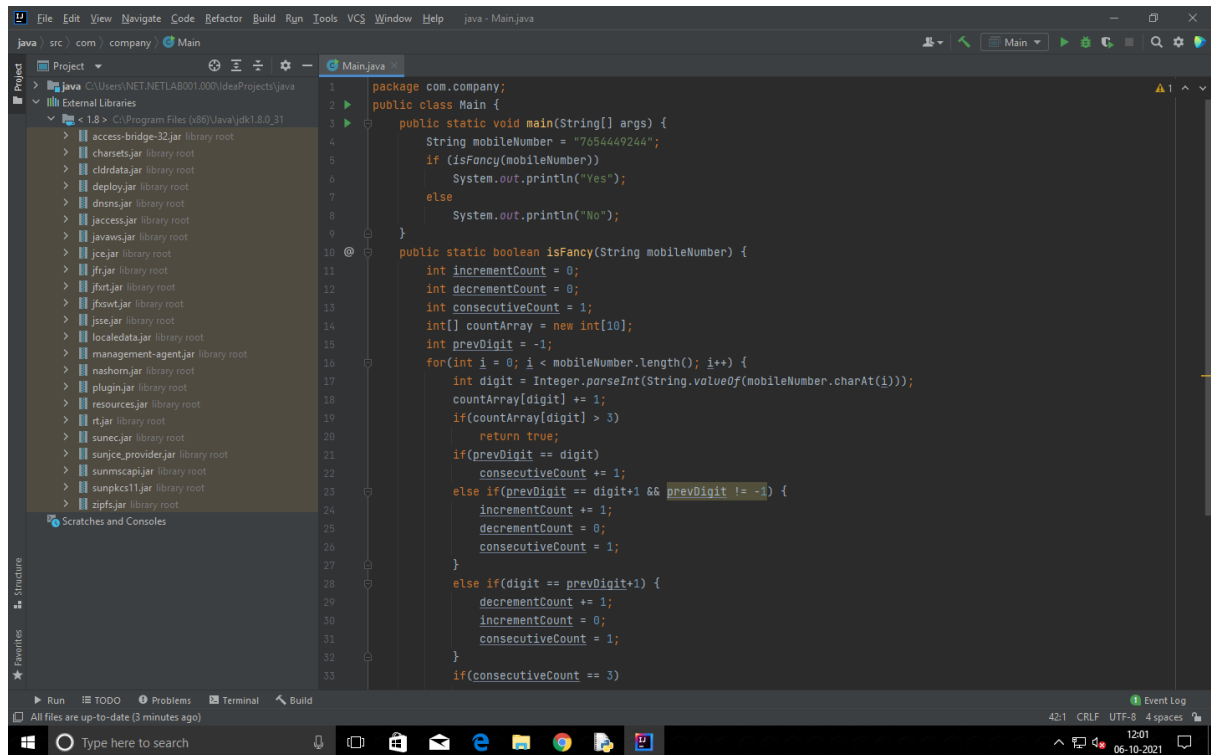


1. Given a mobile number and some conditions for a fancy number, find if the given number is fancy. A 10 digit mobile number is called fancy if it satisfies any of the following three conditions.

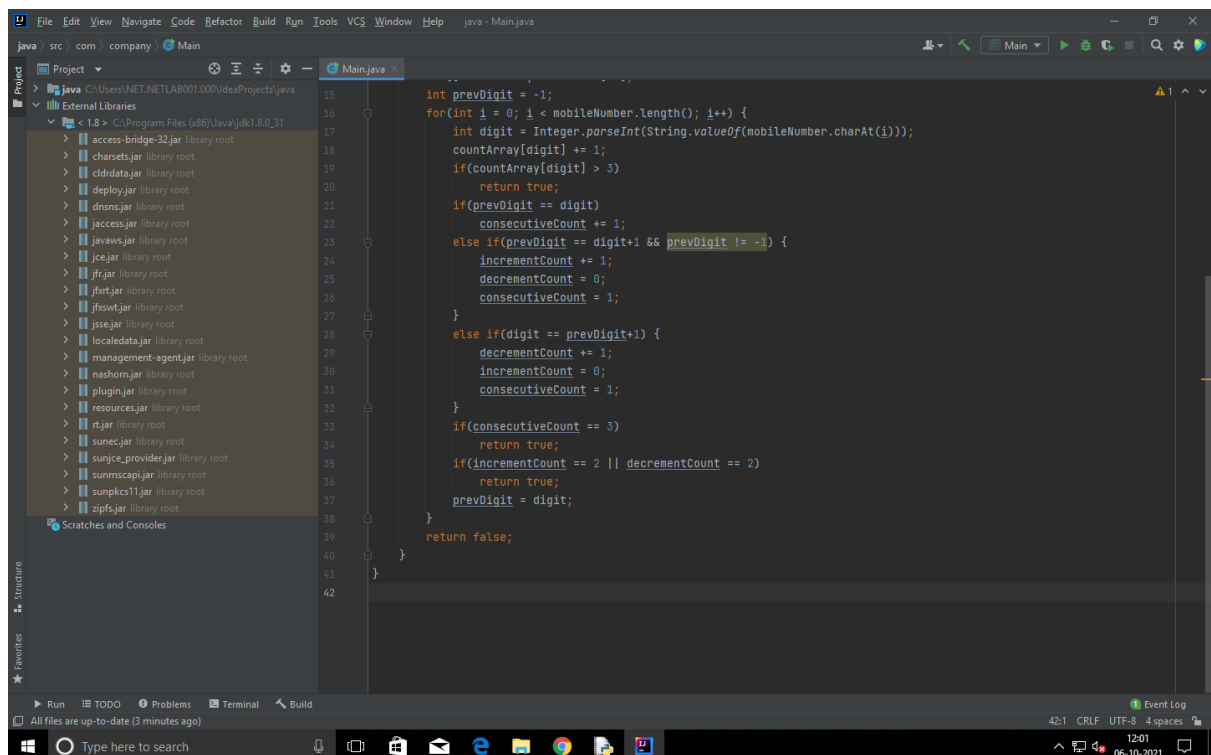


```
package com.company;

public class Main {

    public static void main(String[] args) {
        String mobileNumber = "765449244";
        if (isFancy(mobileNumber))
            System.out.println("Yes");
        else
            System.out.println("No");
    }

    public static boolean isFancy(String mobileNumber) {
        int incrementCount = 0;
        int decrementCount = 0;
        int consecutiveCount = 1;
        int[] countArray = new int[10];
        int prevDigit = -1;
        for (int i = 0; i < mobileNumber.length(); i++) {
            int digit = Integer.parseInt(String.valueOf(mobileNumber.charAt(i)));
            countArray[digit] += 1;
            if (countArray[digit] > 3)
                return true;
            if (prevDigit == digit)
                consecutiveCount += 1;
            else if (prevDigit == digit + 1 && prevDigit != -1) {
                incrementCount += 1;
                decrementCount = 0;
                consecutiveCount = 1;
            }
            else if (digit == prevDigit + 1) {
                decrementCount += 1;
                incrementCount = 0;
                consecutiveCount = 1;
            }
        }
        if (consecutiveCount == 3)
            return true;
        if (incrementCount == 4 || decrementCount == 4)
            return true;
        return false;
    }
}
```

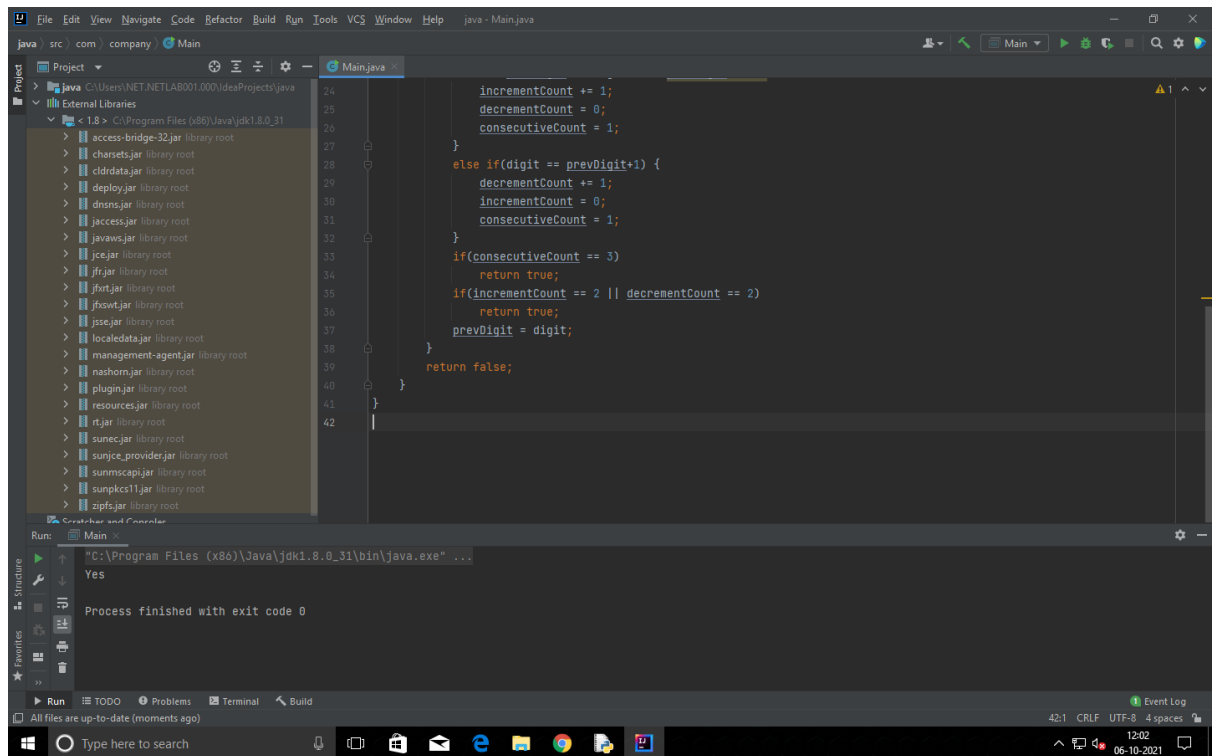


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            if (countArray[digit] > 3)
                return true;
            if (prevDigit == digit)
                consecutiveCount += 1;
            else if (prevDigit == digit + 1 && prevDigit != -1) {
                incrementCount += 1;
                decrementCount = 0;
                consecutiveCount = 1;
            }
            else if (digit == prevDigit + 1) {
                decrementCount += 1;
                incrementCount = 0;
                consecutiveCount = 1;
            }
        }
        if (consecutiveCount == 3)
            return true;
        if (incrementCount == 4 || decrementCount == 4)
            return true;
        return false;
    }
}
```



2. Given an array `arr[]` having 4 integer digits only. The task is to return the maximum 24 hour time that can be formed using the digits from the array. Note that the minimum time in 24 hour format is 00:00, and the maximum is 23:59. If a valid time cannot be formed then return -1.

